

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S24	10	(carbon paper or carbon fiber or carbon cloth or carbon fabric) with treat\$4 with acid same hydrophilic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:55
S25	8	sulfonated with (carbon paper or carbon sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:13
S26	9	(sulfonic acid or SO3H) with bond\$3 with diffusion layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:35
S27	67	fuel cell and (diffusion layer or carbon paper or carbon cloth) with hydrophilic\$3	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:36
S28	4	fuel cell and (diffusion layer or carbon paper or carbon cloth) with hydrophilic\$3 same acid	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:38
S29	2	fuel cell and (diffusion layer or carbon paper or carbon cloth) with treat\$3 with acid	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:42
S30	0	fuel cell and (diffusion layer or carbon paper or carbon cloth) with alkenyl	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:42
S31	1	fuel cell and (diffusion layer or carbon paper or carbon cloth) with alkenyl	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 10:48
S32	177	fuel cell and (diffusion layer or carbon paper or carbon cloth) with Nafion	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 10:49
S33	9	fuel cell and (diffusion layer or carbon paper or carbon cloth) with treat\$3 with Nafion	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 10:58
S34	0	fuel cell and (diffusion layer or carbon paper or carbon cloth) with vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 10:58
S35	0	fuel cell and (diffusion layer or carbon paper or carbon cloth) same vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 10:59
S36	0	fuel cell and (diffusion layer or carbon paper or carbon cloth) same vinyl sulfonic acid	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 10:59

## EAST Search History

S37	9	fuel cell and vinyl sulfonic acid	EPO; JPO; DERWENT	ADJ	ON	2007/06/26 11:00
S38	51763	"429".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:00
S39	44	S38 and vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:03
S40	44	S38 and (vinyl sulfonic acid or vinyl sulphonic acid)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:01
S41	0	(carbon paper or carbon cloth) with treat\$3 with vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:04
S42	0	(carbon paper or carbon cloth) with vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:04
S43	3	carbon with treat\$3 with vinyl sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:04
S44	1	("3637424").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 11:29
S45	3	("1178546").PN. OR ("3637424").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:29
S46	44	("3282875"   "4215183"   "4329435"   "4330654"   "4337137"   "4337211"   "4358412"   "4358545"   "4417968"   "4462877"   "4469579"   "4470889"   "4478695"   "4515989"   "4578512"   "4940525"   "5171644"   "5211984"   "5234777"   "5330860"   "5514486"   "5521020"   "5620807"   "5702755").PN. OR ("5882810").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:41
S47	30	S46 and sulfonic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/26 11:43